

ABSTRACT OF THE DISCLOSURE

This vulcanizing equipment comprises a vulcanizing station, an opening and closing station and a transfer station. The vulcanizing station has a housing shelf vertically having plural stages of placing parts for placing tire mold assemblies movable in closed state, which have pipings for supplying and discharging a vulcanizing/heating medium to the tire mold assemblies placed thereon. The opening and closing station has a placing part for placing the tire mold assembly, an opening and closing device for opening and closing the tire mold assembly placed on this placing part, a carrying-out device for carrying vulcanized tires from the tire mold assembly, and a carrying-in device for carrying unvulcanized tires to the tire mold assembly. The transfer station performs the transfer of the tire mold assembly between an optional stage of the placing parts of the housing shelf and the placing part of the opening and closing station by the rising and falling action along the housing shelf of the vulcanizing station.

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